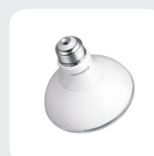
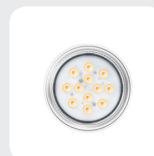


SAMSUNG ELECTRONICS LED Lamp

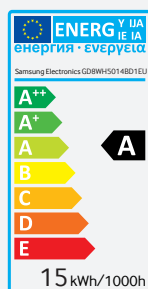
GD8WH5014BD1EU

Performer Range
PAR30 / 14.6W / E27 / 40° / 2700K

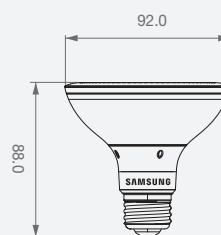


Product

Model name	GD8WH5014BD1EU
Maker	Samsung Electronics
Bar Code	8806086251914
Voltage	AC 220-240V
Equivalent to	100W
Power Consumption	14.6W
Lamp Socket holder	E27



Dimensional drawing (unit : mm)



Customer Benefits

- Equivalent light levels to typical 100W halogen lamp and distribution by using standard (ANSI) base/socket and form factors
- 85% less energy consumption compared to traditional lamps / • Emits no UV
- More than 25,000 hours average operating life (12.5 times longer than halogen lamps)
- Compatible with an extensive range of dimmers (*please see recommended dimmer list)

Application

Hotels, Restaurants, Shops, Museums, Exhibitions, Bars, Cafés
(Suitable for accent lighting)

SAMSUNG ELECTRONICS LED Lamp

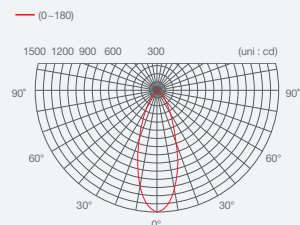
GD8WH5014BD1EU

Specifications

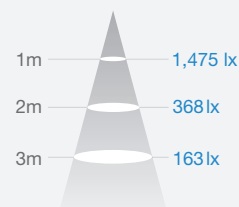
Model name	GD8WH5014BD1EU
Nominal useful luminous flux (lm)	865
Rated useful luminous flux (lm)	865
Nominal luminous flux (lm)	920
Lamp efficacy (lm/W)	63
Luminous intensity (cd)	1,475
Frequency (Hz)	50/60
Input current (mA)	67
Nominal power consumption (W)	14.6
Rated power consumption (W)	14.6
Power factor	0.9
Lumen Maintenance Factor	L70
Warm-up time (60%)	Instant Full Light
Starting time (s)	0.3
On/Off cycles	50,000
Nominal beam angle (°)	40
Rated beam angle (°)	40
Operating temperature (°C)	-20~+40
Nominal lamp life time (hrs)	25,000
Rated lamp life time (hrs)	25,000
Color description	Warm White
Color temperature (K)	2700
CRI (Ra)	80
Color consistency (ANSI)	≤ MacAdam 6-step
Dimmable	Yes
Weight (g)	200
Energy efficiency index	A
Energy consumption (kWh/1000h)	15
Certification	CE, CB, SIRIM

※ Specifications are subject to change without notice

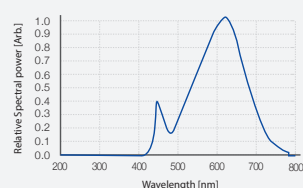
Lighting Data



Light Distribution



Illuminance (lx)



Spectral Power Distribution

Packaging Details

- Single Box (1pc) : 97mm×97mm×104mm / 291g
- Middle Box (4pc/box) : 210mm×210mm×114mm / 1,267g
- Outer Carton (16pc/box) : 440mm×224mm×254mm / 5,370g

Dimmer Compatibility

Dimmer						Dimming Level @ 1 lamp (flux%)		Dimming Performance @ Multi-Lamps				
No.	Manufacturer	Models	Power	Input	Frequency	Max	Min	1 Lamp	2 Lamp	3 Lamp	4 Lamp	5 Lamp
1	LEGRAND	773617	40~300W	230V	50Hz	95%	6%	Good	Good	Good	Good	Good
2	SCHNEIDER	PEK-6	60~600W	230V	50Hz	100%	0%	Good	Good	Good	Good	Good
3	PEHA	434	60~400W	230V	50/60Hz	86%	0%	Good	Good	Good	Good	Good
4	JUNG	266GDE	60~600W	230V~240V	50Hz	94%	1%	Good	Working	Working	Working	Working
5	JUNG	211GDE	100~1000W	230V~240V	50Hz	95%	42%	Good	Good	Good	Good	Good
6	NIKO	310-01X00	60~250W, 60~300W	230V	50Hz	97%	3%	Good	Good	Good	Good	Good
7	JUNG	225NVDE	20~500W	230V~240V	50Hz	92%	0%	Good	Good	Good	Good	Good
8	Schneider electric	MEK-S 300LR	20~300W	230V	50Hz	92%	0%	Good	Good	Good	Good	Good
9	BTICINO	A5702	60~500W	230V	50Hz	80%	13%	Good	Good	Good	Good	Good
10	GIRA	0302 00/101	60~600W	230V~240V	50Hz	95%	10%	Good	Good	Good	Good	Good
11	BUSCH-JAEGER	2247U	500W	230V	50Hz	94%	0%	Good	Good	Good	Good	Good
12	BUSCH-JAEGER	6513U-102	40~420W	230V	50Hz	97%	25%	Good	Good	Good	Good	Good
13	BUSCH	6591U-101	420W	230V	50/60Hz	97%	20%	Good	Good	Good	Good	Good
14	GIRA	0307/00	60~400W	230V	50Hz	97%	9%	Good	Good	Good	Good	Good
15	ELKO	315GLE	20~315W	230V	50Hz	97%	10%	Good	Good	Good	Good	Good
16	ELKO	400GLI	40~400W	230V	50Hz	97%	0%	Good	Good	Good	Good	Good
17	SCHNEIDER	SBD315RC	20~315W	230V	50Hz	97%	9%	Good	Good	Good	Good	Good
18	SCHNEIDER	WDE002349	40~400W	230	50Hz	89%	0%	Good	Good	Good	Good	Good
19	Berker	2878	500W	230	50Hz	92%	0%	Good	Good	Good	Good	Good
20	SCHNEIDER	SBD630RC	20~630W	230	50Hz	97%	9%	Good	Good	Good	Good	Good

Note 1. Dimming Performance : Good(Dimming Coverage without flicker : 75% ↑), Working(41~74%), Poor(40% ↓), N/C(Not Compatible)

2. This result can only be used as reference. The result may vary according to actual field conditions.